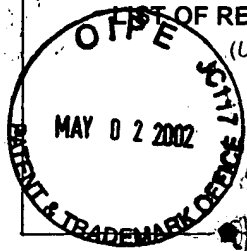


<b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary) <b>PTO FORM 1449</b>	ATTY. DOCKET NO.	APPLICATION NO.
	00801.0087.CPUS07	09/993,059
	APPLICANT	
	Stephen J. GARGER, et al.	
FILING DATE	GROUP	
November 13, 2001	1000	




1052  
TECH CENTER 1800/2900  
MAY 08 2002

RECEIVED

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DR	*	5,179,023	01/12/93	Calhoun, et al.	435	320.1	07/07/90
		5,401,650	03/28/95	Desnick, et al.	435	208	11/30/92
		5,580,757	12/03/96	Desnick, et al.	435	69.7	06/17/94
		5,929,304	07/27/99	Radin, et al.	800	288	09/13/96
		6,210,666	04/03/01	Miyamura	424	94.61	10/21/98
DR		6,323,099B1	05/15/01	Chapman, et al.	435	69.3	04/18/97
FOREIGN PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DR		WO 96/12027	04/25/96	PCT			X
DR	*	WO 97/10353	03/20/97	PCT			X
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	*	Brady, "Fabry Disease", 1169-1178					
DR	*	Chapman, et al., "Potato virus X as a vector for gene expression in plants," <i>The Plant Journal</i> , 2(4):549-557 (1992)					
DR	*	Cramer, <i>American Journal of Human Genetics</i> , 57(4), 1995, Published for the American of Human Genetic by the University of Chicago Press					
	*	<del>Desnick, et al., "α-Galactosidase A Deficiency: Fabry Disease," Chapter 89, pgs. 2741-2784</del>					
DR	*	Erickson, et al., "BioSynthesis of the Lysosomal Enzyme Glucocerebrosidase," <i>Journal of Biological Chemistry</i> , 260(26):14319-14324 (1985)					
DR	*	Ferrari, et al., "Cloning and expression of a soluble sialidase from Chinese hamster ovary cells: sequence alignment similarities to bacterial sialidases," <i>Glycobiology</i> , 4(3):367-373 (1994)					
DR	*	Furbish, et al., "Enzyme replacement therapy in Gaucher's disease: Large-scale purification of glucocerebrosidase suitable for human administration," <i>Proc. Natl. Acad. Sci.</i> , 71(8) 3560-3563 (1977)					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Delia Ramirez 8/6/03

 <p><b>REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary) <b>PTO FORM 1449</b></p>	ATTY. DOCKET NO. 00801.0087.CPUS07	APPLICATION NO. 09/993,059
	APPLICANT Stephen J. GARGER, et al.	
	FILING DATE November 13, 2001	GROUP 1656

DR	*	Furbish, et al., "Uptake and Distribution of Placental Glucocerebrosidase in at Hepatic Cells and Effects of Sequential Deglycosylation," <i>Biochemica et Biophysica Acta</i> <u>673</u> :425-434 (1981)
	*	Frank, et al., "Automation of DNA Sequencing Reactions and Related Techniques: A Workstation for Micromanipulation of Liquids," <i>Biotechnology</i> <u>6</u> :1211 (1988)
	*	Grace, et al., "Analyses of Catalytic Activity and Inhibitor Binding of Human Acid $\beta$ -Glucosidase by Site-directed Mutagenesis," <i>The Journal Biological Chemistry</i> , pgs. 6827-6835 (1989)
	*	Grace, et al., Analysis of Human Acid $\beta$ -Glucosidase by Cite-Directed Mutagenesis and Heterologous Expression," <i>The Journal of Biological Chemistry</i> <u>269</u> (3):2283-2291 (1994)
	*	Grace and Grabowski, "Human Acid $\beta$ -Glucosidase: Glycosylation is Required for Catalytic Activity," <i>Biochemical and Biophysical Research Communications</i> <u>168</u> (2):771-777 (1990)
	*	Grabowski, et al., "Expression of Functional Human Acid $\beta$ -Glucosidase in COS-1 and <i>Sporidoptera frugiperda</i> Cells," <i>Enzyme</i> <u>41</u> :131-142 (1989)
	*	Hopp, et al., "A Short Polypeptide Marker Sequence Useful for Recombinant Protein Identification and Purification," <i>Biotechnology</i> <u>6</u> :1204-1210 (1988)
	*	liaskins, et al., Alpha-L-Iduronidase Deficiency in a Cat: A Model of Mucopolysaccharidosis I," <i>Pediat. Res.</i> <u>13</u> :1294-1297 (1979)
	*	Jonsson, et al., "Biosynthesis and naturation of glucocerebrosidase in Gaucher fibroblasts," <i>J. Biochem.</i> <u>104</u> :171-179 (1987)
	*	Kaplan, et al., "Phosphohexosyl components of a lysosomal enzyme are recognized by pinocytosis receptors on human fibroblasts," <i>Proc. Natl. Acad. Sci. USA</i> <u>74</u> (5):2026-2030 (1977)
	*	Kornfeld and Mellman, "The Biogenesis of Lysosomes," <i>Annu. Rev. Cell Biol.</i> <u>5</u> :483-525 (1989)
	*	Miyamura, et al., "A Carboxy-terminal Truncation of Human $\alpha$ -Galactosidase A in a Heterozygous Female with Fabry Disease and Modification of the Enzymatic Activity by the Carboxy-terminal Domain," <i>J. Clin. Invest.</i> , <u>98</u> (8):1809-1817 (1996)
	*	Murray, "Lectin-Specific Targeting of Lysosomal Enzymes to Reticuloendothelial Cells," <i>Methods ni Enzymology</i> , <u>149</u> :25, 39, 41, 42 (1987)
	*	Park, et al., "Structure and nucleotide sequence of tomato <i>HMG2</i> encoding 3-hydroxy-3-methyl-glutaryl coenzyme A reductase," <i>Plant Molecular Biology</i> <u>20</u> :327-331 (1992)
	*	Scott, et al., "Human $\alpha$ -L-iduronidase: cDNA isolation and expression," <i>Proc. Natl. Acad. Sci. USA</i> , <u>88</u> :9695-9699 (1991)
DR	*	Scott, et al., Structure and Sequence of the Human $\alpha$ -L-Iduronidase Gene <i>Genomics</i> <u>13</u> :1311-1313 (1992)

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Delia Ramirez 8/6/03

RECEIVED  
MAY 08 2002  
TECH CENTER 1600

<b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary) <b>PTO FORM 1449</b>	ATTY. DOCKET NO.	APPLICATION NO.
	00801.0087.CPUS07	09/993,059
	APPLICANT Stephen J. GARGER, et al.	
	FILING DATE	GROUP 1850
	November 13, 2001	MAY 8 2002 1652

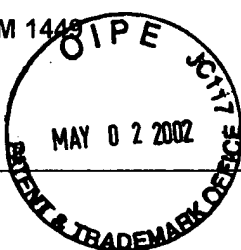
DN	*	Schatzle, et al., "Molecular Cloning and Characterization of the Structural Gene Coding for the Developmentally Regulated Lysosomal Enzyme, $\alpha$ -Mannosidase, in <i>Dictyostelium discoideum</i> , <i>Journal of Biological Chemistry</i> <u>267</u> (6):4000-4007 (1991)
DN	*	Shull, et al., "Enzyme replacement in a canine model for Hurler syndrome," <i>Proc. Natl. Acad. Sci. USA</i> , <u>91</u> :12917-12941 (1994)

Delia Ramirez 8/6/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary)  <b>PTO FORM 1449</b>	ATTY. DOCKET NO.	APPLICATION NO.
	00801.0087.CPUS07	09/993,059
	APPLICANT	
	Stephen J. GARGER, <i>et al.</i>	
	FILING DATE	GROUP
	November 13, 2001	1656



*Copy*

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	*	5,179,023	01/12/93	Calhoun, <i>et al.</i>	435	320.1	07/07/90
		5,401,650	03/28/95	Desnick, <i>et al.</i>	435	208	11/30/92
		5,580,757	12/03/96	Desnick, <i>et al.</i>	435	69.7	06/17/94
		5,929,304	07/27/99	Radin, <i>et al.</i>	800	288	09/13/96
		6,210,666	04/03/01	Miyamura	424	94.61	10/21/98
		6,323,099B1	05/15/01	Chapman, <i>et al.</i>	435	69.3	04/18/97
FOREIGN PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		WO 96/12027	04/25/96	PCT			X
	*	WO 97/10353	03/20/97	PCT			X
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	*	Brady, "Fabry Disease", 1169-1178					
	*	Chapman, <i>et al.</i> , "Potato virus X as a vector for gene expression in plants," <i>The Plant Journal</i> , <u>2</u> (4):549-557 (1992)					
	*	Cramer, <i>American Journal of Human Genetics</i> , <u>57</u> (4), 1995, Published for the American of Human Genetic by the University of Chicago Press					
	*	Desnick, <i>et al.</i> , " $\alpha$ -Galactosidase A Deficiency: Fabry Disease," Chapter 89, pgs. 2741-2784					
	*	Erickson, <i>et al.</i> , "BioSynthesis of the Lysosomal Enzyme Glucocerebrosidase," <i>Journal of Biological Chemistry</i> , <u>260</u> (26):14319-14324 (1985)					
	*	Ferrari, <i>et al.</i> , "Cloning and expression of a soluble sialidase from Chinese hamster ovary cells: sequence alignment similarities to bacterial sialidases," <i>Clycobiology</i> , <u>4</u> (3):367-373 (1994)					
	*	Furbish, <i>et al.</i> , "Enzyme replacement therapy in Gaucher's disease: Large-scale purification of glucocerebrosidase suitable for human administration," <i>Proc. Natl. Acad. Sci.</i> , <u>71</u> (8) 3560-3563 (1977)					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary)  <b>PTO FORM 1449</b>	ATTY. DOCKET NO.	APPLICATION NO.
	00801.0087.CPUS07	09/993,059
	APPLICANT	
	Stephen J. GARGER, et al.	
	FILING DATE	GROUP
	November 13, 2001	1656



	*	Furbish, et al., "Uptake and Distribution of Placental Glucocerebrosidase in at Hepatic Cells and Effects of Sequential Deglycosylation," <i>Biochemica et Biophysica Acta</i> <u>673</u> :425-434 (1981)
	*	Frank, et al., "Automation of DNA Sequencing Reactions and Related Techniques: A Workstation for Micromanipulation of Liquids," <i>Biotechnology</i> <u>6</u> :1211 (1988)
	*	Grace, et al., "Analyses of Catalytic Activity and Inhibitor Binding of Human Acid $\beta$ -Glucosidase by Site-directed Mutagenesis," <i>The Journal Biological Chemistry</i> , pgs. 6827-6835 (1989)
	*	Grace, et al., Analysis of Human Acid $\beta$ -Glucosidase by Cite-Directed Mutagenesis and Heterologous Expression," <i>The Journal of Biological Chemistry</i> <u>269</u> (3):2283-2291 (1994)
	*	Grace and Grabowski, "Human Acid $\beta$ -Glucosidase: Glycosylation is Required for Catalytic Activity," <i>Biochemical and Biophysical Research Communications</i> <u>168</u> (2):771-777 (1990)
	*	Grabowski, et al., "Expression of Functional Human Acid $\beta$ -Glucosidase in COS-1 and <i>Sporidoptera frugiperda</i> Cells," <i>Enzyme</i> <u>41</u> :131-142 (1989)
	*	Hopp, et al., "A Short Polypeptide Marker Sequence Useful for Recombinant Protein Identification and Purification," <i>Biotechnology</i> <u>6</u> :1204-1210 (1988)
	*	liaskins, et al., Alpha-L-Iduronidase Deficiency in a Cat: A Model of Mucopolysaccharidosis I," <i>Pediat. Res.</i> <u>13</u> :1294-1297 (1979)
	*	Jonsson, et al., "Biosynthesis and naturation of glucocerebrosidase in Gaucher fibroblasts," <i>J. Biochem.</i> <u>104</u> :171-179 (1987)
	*	Kaplan, et al., "Phosphohexosyl components of a lysosomal enzyme are recognized by pinocytosis receptors on human fibroblasts," <i>Proc. Natl. Acad. Sci. USA</i> <u>74</u> (5):2026-2030 (1977)
	*	Kornfeld and Mellman, "The Biogenesis of Lysosomes," <i>Annu. Rev. Cell Biol.</i> <u>5</u> :483-525 (1989)
	*	Miyamura, et al., "A Carboxy-terminal Truncation of Human $\alpha$ -Galactosidase A in a Heterozygous Female with Fabry Disease and Modification of the Enzymatic Activity by the Carboxy-terminal Domain," <i>J. Clin. Invest.</i> , <u>98</u> (8):1809-1817 (1996)
	*	Murray, "Lectin-Specific Targeting of Lysosomal Enzymes to Reticuloendothelial Cells," <i>Methods ni Enzymology</i> , <u>149</u> :25, 39, 41, 42 (1987)
	*	Park, et al., "Structure and nucleotide sequence of tomato <i>HMG2</i> encoding 3-hydroxy-3-methyl-glutaryl coenzyme A reductase," <i>Plant Molecular Biology</i> <u>20</u> :327-331 (1992)
	*	Scott, et al., "Human $\alpha$ -L-iduronidase: cDNA isolation and expression," <i>Proc. Natl. Acad. Sci. USA</i> , <u>88</u> :9695-9699 (1991)
	*	Scott, et al., Structure and Sequence of the Human $\alpha$ -L-Iduronidase Gene <i>Genomics</i> <u>13</u> :1311-1313 (1992)

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with **MPEP 609**; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

PTO FORM 1449

ATTY. DOCKET NO.

00801.0087.CPUS07

APPLICATION NO.

09/993,059

APPLICANT

Stephen J. GARGER, *et al.*

FILING DATE

November 13, 2001

GROUP

~~4658~~ 1652

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER REFERENCES

(Including Author, Title, Date, Pertinent Pages, Etc.)

DR	-	Coppola, <i>et al.</i> , "Characterization of glycosylated and catalytically active recombinant human alpha-galactosidase A using a baculovirus vector", <i>Gene</i> 144(2): 197-203, 1994.
DR	-	Murray, <i>et al.</i> , "Production of recombinant human glucocerebrosidase in plants", <i>FASEB J.</i> 10(6): A1126, 1996.

RECEIVED  
JAN 15 2003  
TECH CENTER 1600/2900

Delia Ramirez 8/6/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.